



Sheet 1 of 2

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO.	SERIAL NUMBER
	207.008-US	10/627,237
	APPLICANT(S) Lutz et al.	
FILING DATE	GROUP ART UNIT	
July 25, 2003	2822	

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE

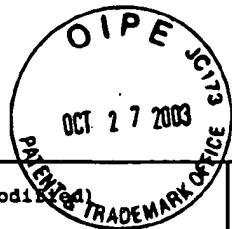
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EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO
MP	WO 01/77009	10/2001	PCT	—	—	—
MP	WO 01/77008	10/2001	PCT	—	—	—

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MP	"Vacuum Sealing of Microcavities Using Metal Evaporation", Bartek et al., Sensors and Actuators A 61, 1997, pp.364-368
MP	"Vacuum Packaging Technology Using Localized Aluminum/Silicon-to-Glass Bonding", Cheng et al., MEMS 2001, 14 th IEEE International Conference, pp.18-21, 2001
MP	"A Hermetic Glass-Silicon Package Formed Using Localized Aluminum/Silicon-Glass Bonding", Cheng et al., Journal of Microelectromechanical Systems, Vol. 10, No. 3, Sept. 2001, pp.392-399
MP	"MEMS Post-Packaging by Localized Heating and Bonding", Lin, IEEE Transactions on Advanced Packaging, Vol. 23, No. 4, Nov. 2000, pp.608-616
MP	"Localized Silicon Fusion and Eutectic Bonding for MEMS Fabrication and Packaging", Cheng et al., Journal of Microelectromechanical Systems, Vol. 9, No. 1, March 2000, pp.3-8
MP	"Localized Bonding with PSG or Indium Solder as Intermediate Layer", Cheng et al., MEMS 1999, 12 th IEEE International Conference, pp.285-289
MP	"Vacuum encapsulation of resonant devices using permeable polysilicon", Lebouitz et al., Micro Electro Mechanical Systems, IEEE International Conference, Jan. 1999, pp.470-475
MP	"Electrical and optical characteristics of vacuum-sealed polysilicon microlamps", Mastrangelo et al., IEEE Transactions on Electron Devices, v.39, no.6, June 1992, pp.1363-1375
MP	"Vacuum-sealed silicon micromachined incandescent light source", Mastrangelo et al., IEDM, 1989, pp.503-506
MP	"Sealing of Micromachined Cavities Using Chemical Vapor Deposition Methods: Characterization and Optimization", Liu and Tai, IEEE Journal of Microelectromechanical Systems, Vol. 8, No. 2, June 1999, pp.135-145

EXAMINER	<i>[Signature]</i>	DATE CONSIDERED	2/05
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 207.008-US	SERIAL NUMBER 10/627,237
	APPLICANT(S) Lutz et al.	
	FILING DATE July 25, 2003	GROUP ART UNIT 2822

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

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MP	"Vacuum Packaging Technology Using Localized Aluminum/Silicon-to-Glass Bonding", Cheng et al., IEEE Journal of Microelectromechanical Systems, Vol. 11, No. 5, Oct. 2002, pp.556-565
MP	"Novel Process for a Monolithic Integrated Accelerometer", Offenberg et al., The 8 th International Conference on Solid-State Sensors and Actuators, and Eurosensors IX, Stockholm, Sweden, June 25-29, 1995, pp.589-592
MP	"An Integrated Wafer-Scale Packaging Process for MEMS", Kenny et al., Proceedings of IMECE2002, ASME International Mechanical Engineering Congress & Exposition, Nov. 17-22, 2002, New Orleans, Louisiana, pp.51-54
MP	"Polysilicon Vibrating Gyroscope Vacuum-Encapsulated in an on-chip Micro Chamber", Tsuchiya et al., Sensors and Actuators A 90 (2001), pp.49-55
MP	"New Thin Film Epitaxial Polysilicon Encapsulation for Piezoresistive Accelerometers", Partridge et al., IEEE, 2001, pp.54-59
MP	"A Low Temperature Bi-CMOS Compatible Process for MEMS RF Resonators and Filters", Lund et al., Solid-State Sensor, Actuator and Microsystems Workshop, Hilton Head Island, South Carolina, June 2-6, 2002, pp.38-41
MP	"Wafer Scale Encapsulation of a High-Q Micromechanical Resonator", Candler et al., Hilton Head, Open Poster, 2002

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MP	5,156,903	10/1992	Okumura et al.	—	—	—
MP	5,461,916	10/1995	Fujii et al.	—	—	—
MP	5,627,318	5/1997	Fujii et al.	—	—	—
MP	5,751,041	5/1998	Suzuki et al.	—	—	—
MP	5,761,957	6/1998	Oba et al.	—	—	—
MP	5,872,024	2/1999	Fujii et al.	—	—	—
MP	5,898,218	4/1999	Hirose et al.	—	—	—
MP	5,948,991	9/1999	Nomura et al.	—	—	—
MP	5,986,316	11/1999	Toyoda et al.	—	—	—
MP	5,987,989	11/1999	Yamamoto et al.	—	—	—
MP	6,028,332	2/2000	Kano et al.	—	—	—
MP	6,048,774	4/2000	Yamamoto et al.	—	—	—
MP	6,065,341	5/2000	Ishio et al.	—	—	—
MP	6,090,718	7/2000	Soga et al.	—	—	—
MP	6,100,108	8/2000	Mizuno et al.	—	—	—

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<p>10-1449 (Modified)</p> <p>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p>	ATTY. DOCKET NO.	SERIAL NUMBER
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EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
MP	6,119,518	9/2000	Itou et al.	—	—	—
MP	6,151,966	11/2000	Sakai et al.	—	—	—
MP	6,171,881	1/2001	Fujii	—	—	—
MP	6,191,007	2/2001	Matsui et al.	—	—	—
MP	6,199,430	3/2001	Kano et al.	—	—	—
MP	6,218,717	4/2001	Toyoda et al.	—	—	—
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MP	6,240,782	6/2001	Kato et al.	—	—	—
MP	6,244,112	6/2001	Fujii	—	—	—
MP	6,245,593	6/2001	Yoshihara et al.	—	—	—
MP	6,250,165	6/2001	Sakai et al.	—	—	—
MP	6,251,754	6/2001	Ohshima et al.	—	—	—
MP	6,255,741	7/2001	Yoshihara et al.	—	—	—
MP	6,264,363	7/2001	Takahashi et al.	—	—	—

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PTO-906 (Modified) U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO.	SERIAL NUMBER
	207.008-US	10/627,237
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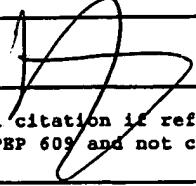
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MP	6,274,452	8/2001	Miura et al.	—	—	—
MP	6,276,207	8/2001	Sakai et al.	—	—	—
MP	6,279,585	8/2001	Shiraki et al.	—	—	—
MP	6,284,670	9/2001	Abe et al.	—	—	—
MP	6,287,885	9/2001	Muto et al.	—	—	—
MP	6,291,315	9/2001	Nakayama et al.	—	—	—
MP	6,308,567	10/2001	Higuchi et al.	—	—	—
MP	6,388,279	5/2002	Sakai et al.	—	—	—
MP	6,389,903	5/2002	Oba et al.	—	—	—
MP	6,422,078	7/2002	Imai	—	—	—
MP	6,423,563	7/2002	Fukada et al.	—	—	—
MP	6,429,506	8/2002	Fujii et al.	—	—	—
MP	6,444,543	9/2002	Sakai et al.	—	—	—
MP	6,463,803	10/2002	Fujii et al.	—	—	—
MP	6,495,389	12/2002	Ishio et al.	—	—	—

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<p style="text-align: center;">PTO-146 (Rev. 1-22-92) Information Disclosure Statement by Applicant</p> <p style="text-align: center;">(If this form is being filed by a registered patent agent or attorney, the name and address of the agent or attorney and the agent or attorney's registration number must be furnished on a separate sheet of paper.)</p> <p style="text-align: center;">U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p>	ATTY. DOCKET NO.	SERIAL NUMBER
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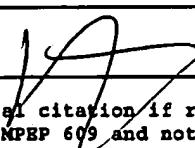
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MP	5,491,604	2/1996	Nguyen et al.	—	—	—
MP	5,969,249	10/1999	Roessig et al.	—	—	—
MP	5,992,233	11/1999	Clark	—	—	—
MP	6,067,858	5/2000	Clark et al.	—	—	—
MP	6,142,358	11/2000	Cohn et al.	—	—	—
MP	6,187,210	2/2001	Lebouitz et al.	—	—	—
MP	6,210,988	4/2001	Howe et al.	—	—	—
MP	6,236,281	5/2001	Nguyen et al.	—	—	—
MP	6,250,156	6/2001	Seshia et al.	—	—	—
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MP	6,437,551	8/2002	Krulevitch et al.	—	—	—
MP	6,448,622	9/2002	Franke et al.	—	—	—
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MP	2001/0009110	7/2001	Tmai	—	—	—

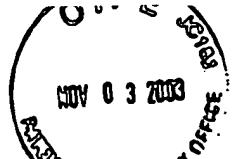
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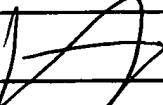
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MP	5,455,547	10/1995	Lin et al.	—	—	—
MP	5,537,083	7/1996	Lin et al.	—	—	—
MP	5,589,082	12/1996	Lin et al.	—	—	—
MP	5,839,062	11/1998	Nguyen et al.	—	—	—
MP	5,955,932	9/1999	Nguyen et al.	—	—	—
MP	6,249,073	6/2001	Nguyen et al.	—	—	—
MP	6,424,074	7/2002	Nguyen	—	—	—
MP	6,035,714	3/2000	Yazdi et al.	—	—	—
MP	6,125,700	10/2000	Tsugai et al.	—	—	—
MP	6,146,917	11/2000	Zhang et al.	—	—	—
MP	6,147,756	11/2000	Zavracky et al.	—	—	—
MP	6,149,190	11/2000	Galvin et al.	—	—	—
MP	6,153,839	11/2000	Zavracky et al.	—	—	—
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MP	6,163,643	12/2000	Bergmann et al.	—	—	—

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MP	6,170,332	1/2001	MacDonald et al.	—	—	—
MP	6,192,757	2/2001	Tsang et al.	—	—	—
MP	6,199,874	3/2001	Galvin et al.	—	—	—
MP	6,204,085	3/2001	Strumpell et al.	—	—	—
MP	6,230,567	5/2001	Greiff	—	—	—
MP	6,297,072	10/2001	Tilmans et al.	—	—	—
MP	6,300,294	10/2001	Robbins et al.	—	—	—
MP	6,307,815	10/2001	Polosky et al.	—	—	—
MP	6,311,555	11/2001	McCall et al.	—	—	—
MP	6,315,062	11/2001	Alft et al.	—	—	—
MP	6,325,886	12/2001	Harris et al.	—	—	—
MP	6,352,935	3/2002	Collins et al.	—	—	—
MP	6,373,007	4/2002	Calcaterra et al.	—	—	—
MP	6,378,989	4/2002	Silverbrook	—	—	—
MP	6,392,144	5/2002	Filter et al.	—	—	—

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MP	6,396,711	5/2002	Degani et al.			
MP	6,402,968	6/2002	Yazdi et al.			
MP	6,416,831	7/2002	Hara et al.			
MP	6,433,411	8/2002	Degani et al.			
MP	6,449,406	9/2002	Fan et al.			
MP	6,460,234	10/2002	Gianchandani			
MP	6,472,290	10/2002	Cho et al.			
MP	6,477,901	11/2002	Tadigadapa et al.			
MP	6,483,957	11/2002	Hamerly et al.			
MP	6,507,082	1/2003	Thomas			
MP	6,508,124	1/2003	Zerbini et al.			
MP	5,604,312	2/1997	Lutz			
MP	5,627,317	5/1997	Offenberg et al.			
MP	5,631,422	5/1997	Sulzberger et al.			
MP	5,703,293	12/1997	Zabler et al.			

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MP	5,721,377	2/1998	Kurle et al.	—	—	—
MP	5,723,353	3/1998	Muenzel et al.	—	—	—
MP	5,728,936	3/1998	Lutz	—	—	—
MP	5,889,207	3/1999	Lutz	—	—	—
MP	5,937,275	8/1999	Muenzel et al.	—	—	—
MP	5,959,208	9/1999	Muenzel et al.	—	—	—
MP	6,055,858	5/2000	Muenzel et al.	—	—	—
MP	6,106,735	8/2000	Kurle et al.	—	—	—
MP	6,117,701	9/2000	Buchan et al.	—	—	—
MP	6,122,964	9/2000	Mohaupt et al.	—	—	—
MP	6,140,709	10/2000	Muenzel et al.	—	—	—
MP	6,187,607	2/2001	Offenberg et al.	—	—	—
MP	6,214,243	4/2001	Muenzel et al.	—	—	—
MP	6,389,899	5/2002	Partridge et al.	—	—	—
MP	6,443,008	9/2002	Funk et al.	—	—	—

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MP	6,448,604	9/2002	Funk et al.	_____	_____	_____
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MP	5,583,290	12/1996	Lewis	_____	_____	_____
MP	5,613,611	3/1997	Johnson et al.	_____	_____	_____

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MP	5,620,931	4/1997	Tsang et al.			
MP	5,640,039	6/1997	Chau et al.			
MP	5,679,436	10/1997	Zhao			
MP	5,818,227	10/1998	Payne et al.			
MP	5,847,280	12/1998	Sherman et al.			
MP	5,858,809	1/1999	Chau et al.			
MP	5,880,369	3/1999	Samuels et al.			
MP	6,009,753	1/2000	Tsang et al.			
MP	6,233,811	5/2001	Payne et al.			
MP	6,275,034	8/2001	Tran et al.			
MP	6,282,960	9/2001	Samuels et al.			
MP	6,291,875	9/2001	Clark et al.			
MP	6,323,550	11/2001	Martin et al.			
MP	6,386,032	5/2002	Lemkin et al.			
MP	6,433,401	8/2002	Clark et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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PREVIOUS EDITIONS PATENT TRADEMARK OFFICE U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO.	SERIAL NUMBER
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EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
MP	6,440,766	8/2002	Clark	—	—	—
MP	6,441,481	8/2002	Karpman	—	—	—
MP	6,448,109	9/2002	Karpman	—	—	—
MP	6,507,044	1/2003	Santana, Jr. et al.	—	—	—
MP	6,508,561	1/2003	Alie et al.	—	—	—
MP	6,512,255	1/2003	Aoki et al.	—	—	—
MP	6,522,052	2/2003	Kihara et al.	—	—	—
MP	6,524,890	2/2003	Ueda et al.	—	—	—
MP	6,531,767	3/2003	Shrauger	—	—	—
MP	6,534,340	3/2003	Karpman et al.	—	—	—
MP	6,550,339	4/2003	Toyoda et al.	—	—	—
MP	6,551,853	4/2003	Toyoda	—	—	—
MP	6,552,404	4/2003	Hynes et al.	—	—	—
MP	6,555,417	4/2003	Spooner et al.	—	—	—
MP	6,555,904	4/2003	Karpman	—	—	—

FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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<p>PTO-1149 (Modified) TRADEMARK</p> <p>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p>	ATTY. DOCKET NO. 207.008-US	SERIAL NUMBER 10/627,237
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EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
MP	6,558,976	5/2003	Shrauger	_____	_____	_____
MP	5,053,627	10/1991	Ruffell et al.	_____	_____	_____
MP	5,080,730	1/1992	Wittkower	_____	_____	_____
MP	5,196,355	3/1993	Wittkower	_____	_____	_____
MP	5,288,650	2/1994	Sandow	_____	_____	_____
MP	5,369,544	11/1994	Mastrangelo	_____	_____	_____
MP	5,470,797	11/1995	Mastrangelo	_____	_____	_____
MP	5,476,819	12/1995	Warren	_____	_____	_____
MP	5,605,598	2/1997	Greiff	_____	_____	_____
MP	5,645,684	7/1997	Keller	_____	_____	_____
MP	5,660,680	8/1997	Keller	_____	_____	_____
MP	5,725,729	3/1998	Greiff	_____	_____	_____
MP	5,747,353	5/1998	Bashir et al.	_____	_____	_____
MP	5,760,305	6/1998	Greiff	_____	_____	_____
MP	5,882,532	3/1999	Field et al.	_____	_____	_____

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PTO-1468 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 207.008-US	SERIAL NUMBER 10/627,237
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EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
MP	5,962,949	10/1999	Dhuler et al.	—	—	—
MP	5,969,250	10/1999	Greiff	—	—	—
MP	6,136,630	10/2000	Weigold et al.	—	—	—
MP	6,137,206	10/2000	Hill	—	—	—
MP	6,218,762	4/2001	Hill et al.	—	—	—
MP	6,248,642	6/2001	Dolan et al.	—	—	—
MP	6,257,059	7/2001	Weinberg et al.	—	—	—
MP	6,291,922	9/2001	Dhuler	—	—	—
MP	6,379,989	4/2002	Kubby et al.	—	—	—
MP	6,391,673	5/2002	Ha et al.	—	—	—
MP	6,396,372	5/2002	Sakata et al.	—	—	—
MP	6,410,361	6/2002	Dhuler et al.	—	—	—
MP	6,413,793	7/2002	Lin et al.	—	—	—
MP	6,417,078	7/2002	Dolan et al.	—	—	—
MP	6,423,975	7/2002	Smick et al.	—	—	—

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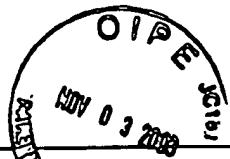
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

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PCT/1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO.	SERIAL NUMBER
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EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
MP	6,429,458	8/2002	Weigold et al.	—	—	—
MP	6,433,342	8/2002	Cordts, III et al.	—	—	—
MP	6,450,029	9/2002	Sakai et al.	—	—	—
MP	6,568,267	5/2003	Chida et al.	—	—	—
MP	6,569,754	5/2003	Wong et al.	—	—	—
MP	2001 0013630	8/2001	Cho et al.	—	—	—
MP	2001/0034076	10/2001	Martin	—	—	—
MP	2001 0045127	11/2001	Chida et al.	—	—	—
MP	2002 0118850	8/2002	Yeh et al.	—	—	—
MP	2002 0127760	9/2002	Yeh et al.	—	—	—
MP	2002 0164111	11/2002	Mirza	—	—	—
MP	2002 0177252	11/2002	Muto et al.	—	—	—
MP	2002 0081824	6/2002	Dolan et al.	—	—	—
MP	2002 0123211	9/2002	Dolan et al.	—	—	—

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	Lutz et al.	
	FILING DATE	GROUP ART UNIT
	July 25, 2003	2812

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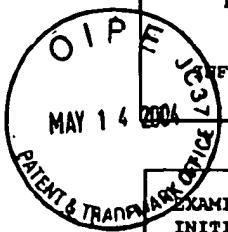
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

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PTO-1449 (Modified)	ATTY. DOCKET NO. 207.008-US	SERIAL NUMBER 10/627,237
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	APPLICANT(S) Lutz et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE July 25, 2003	GROUP ART UNIT 2812



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PTO-1449 (Modified) U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO.	SERIAL NUMBER
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